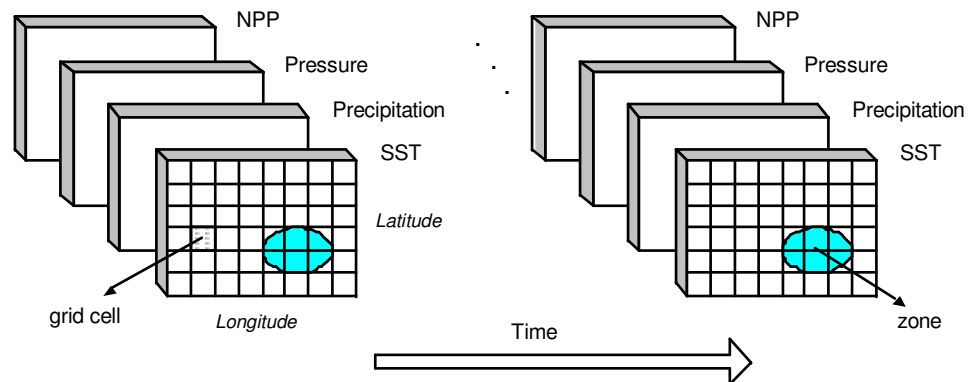
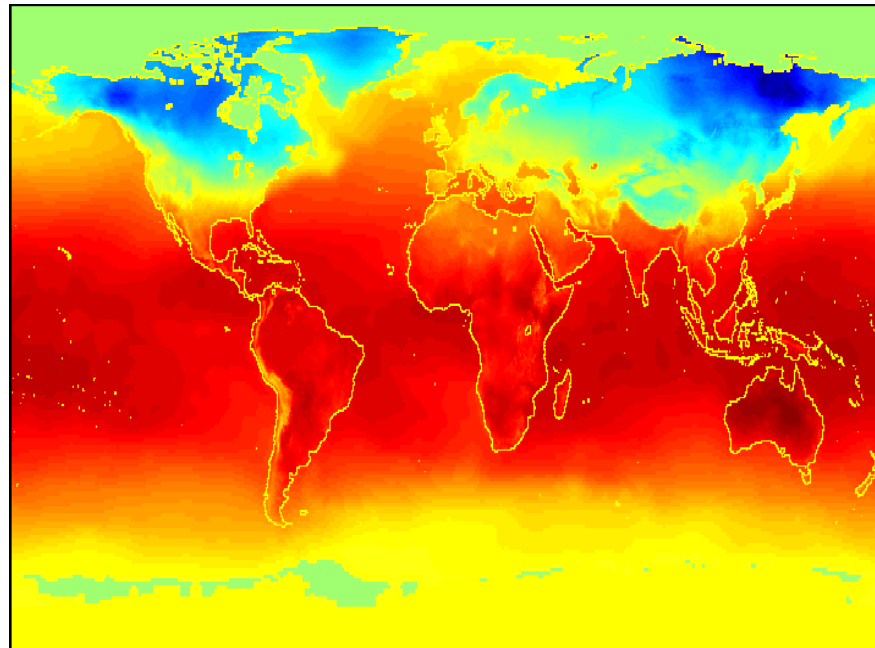
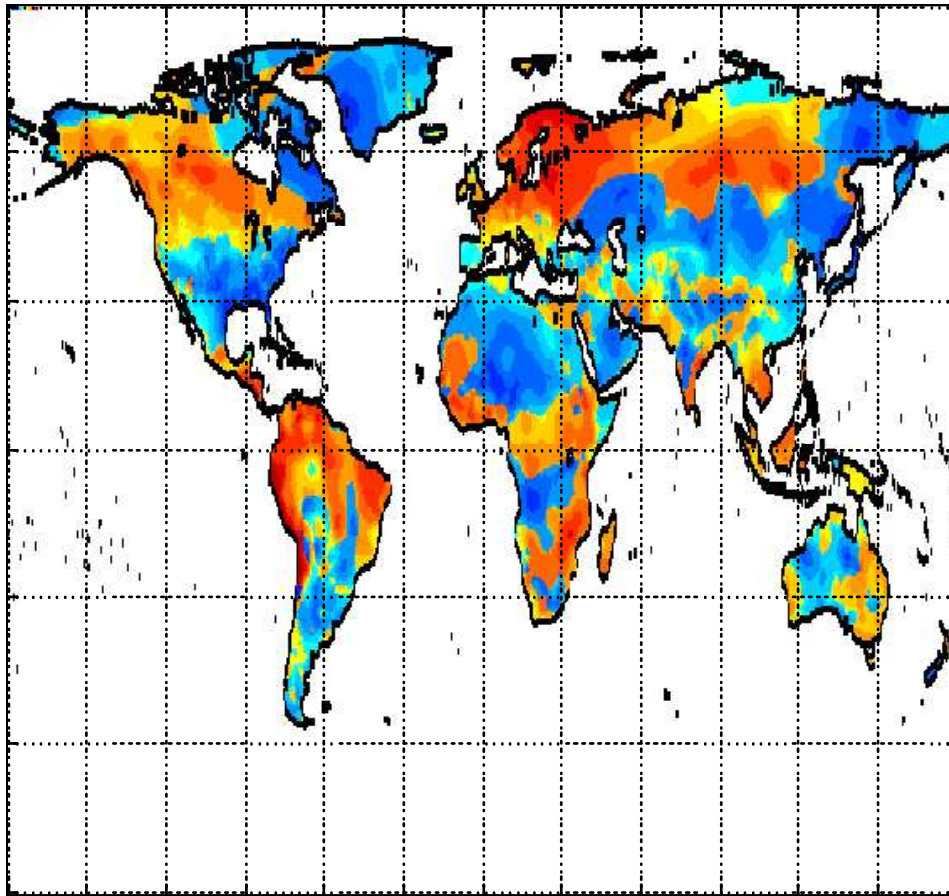


Global snapshots of values for a number of variables on land surfaces or water.

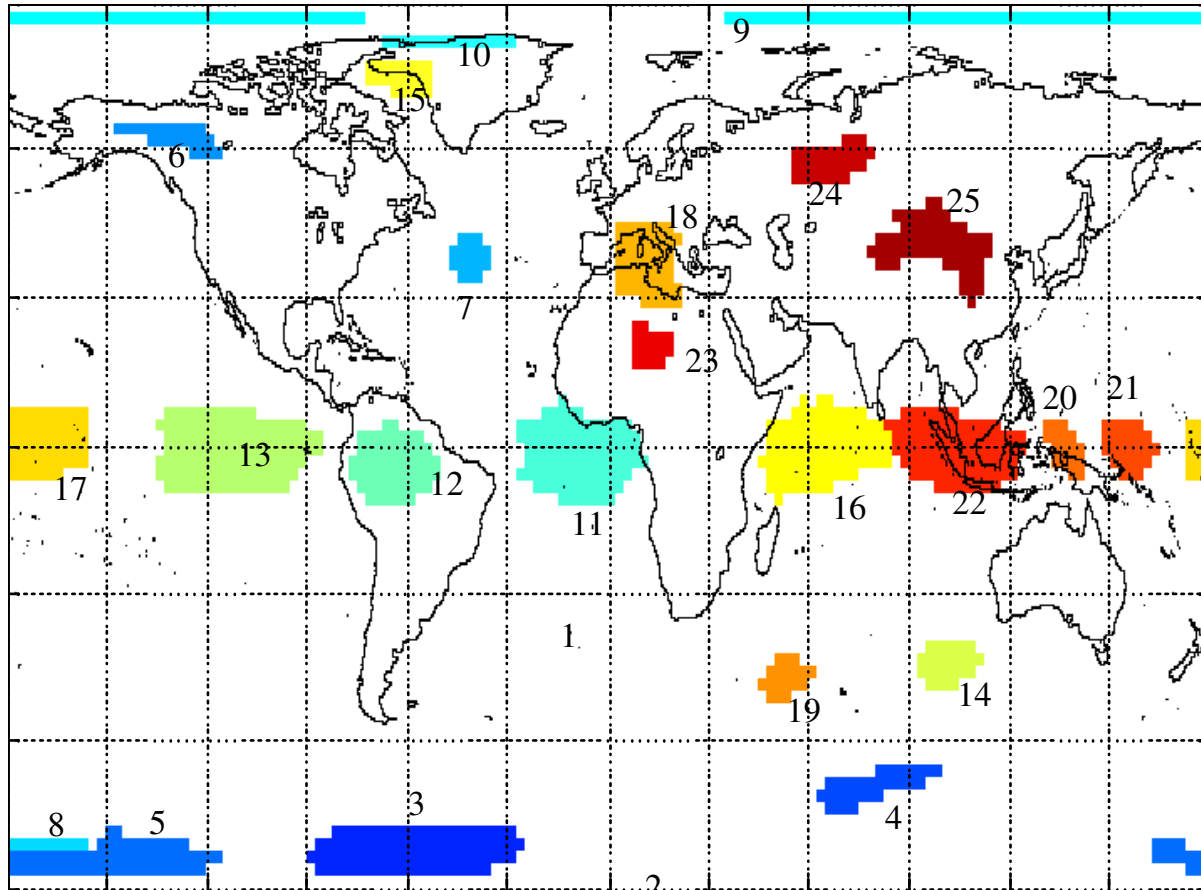


Effect of OCIs on Land Temperature



**Analysis performed using 12 month moving average.
More than 78% of total land area correlated at a level of 0.4 or above.**

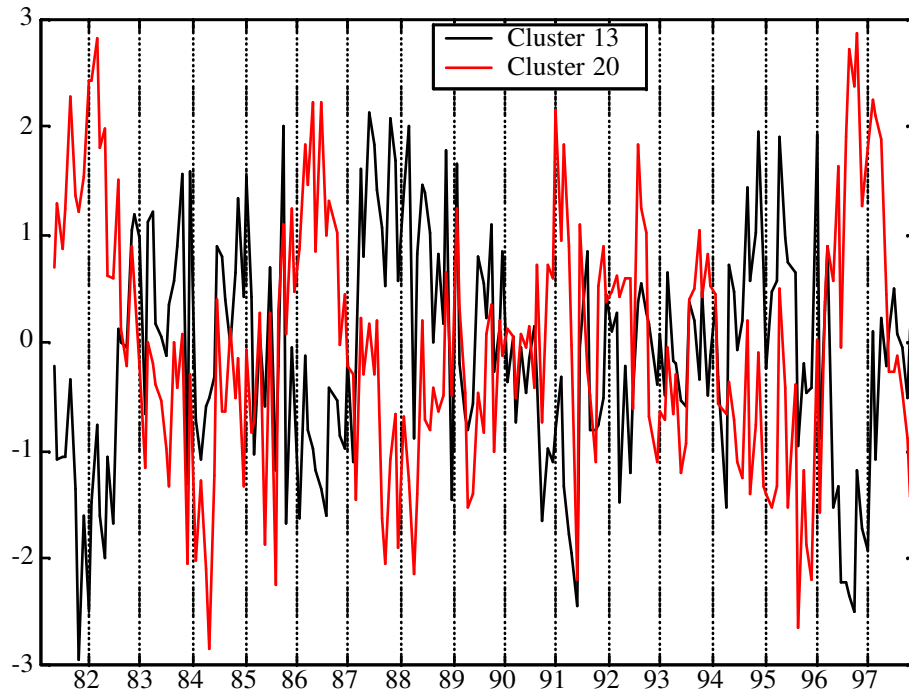
SLP Clusters



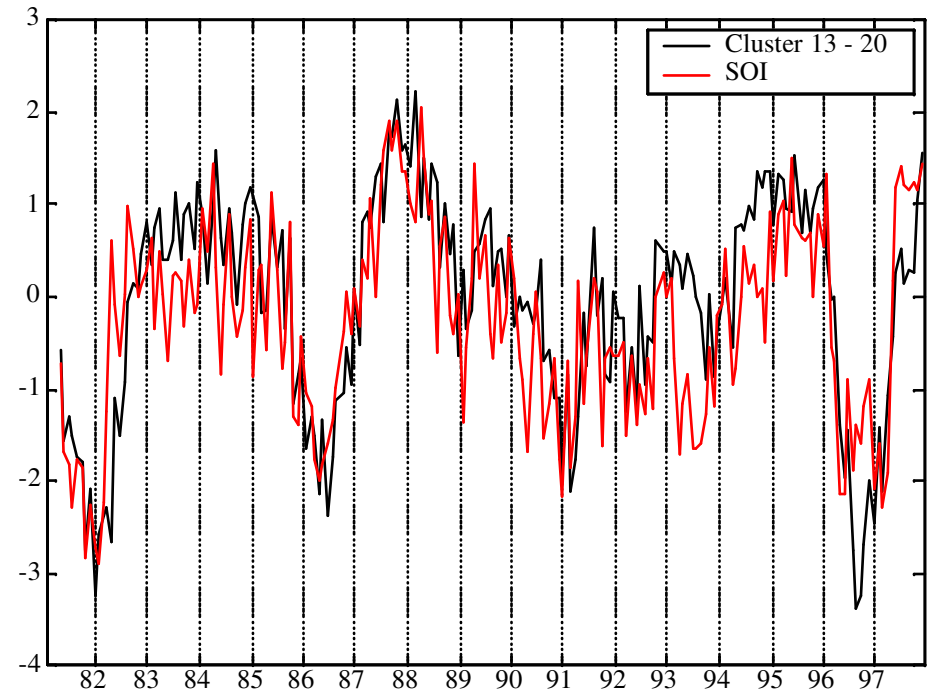
Colors are merely to distinguish different clusters, and have no other significance.

Pair of SLP Clusters that Correspond to SOI

For clarity results plotted from 1982 – 1998. Correlation is for entire series, 58-98.

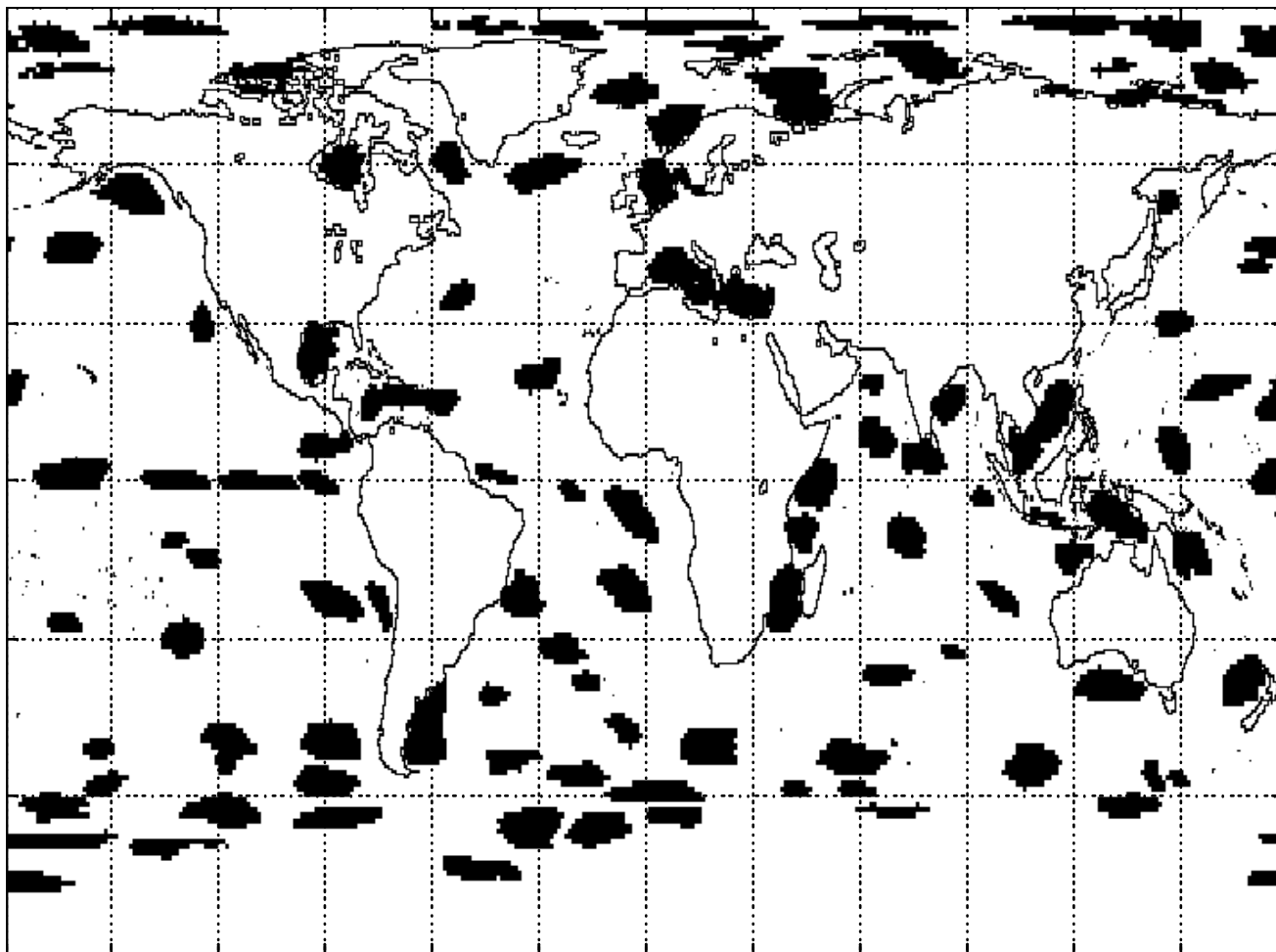


Centroids of SLP clusters 20 and 13
(near Darwin, Australia and Tahiti,
respectively. 1982-1998.

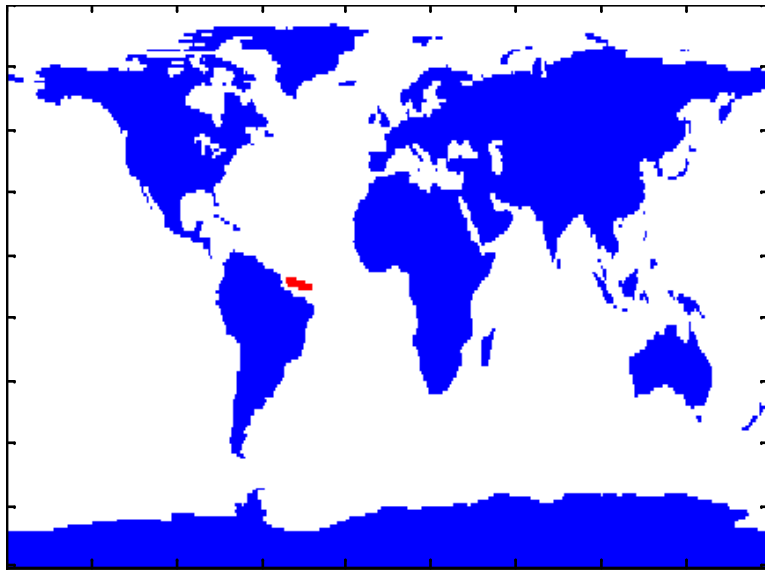


Centroid of cluster 13 – Centroid of cluster
20 versus SOI

SST Clusters



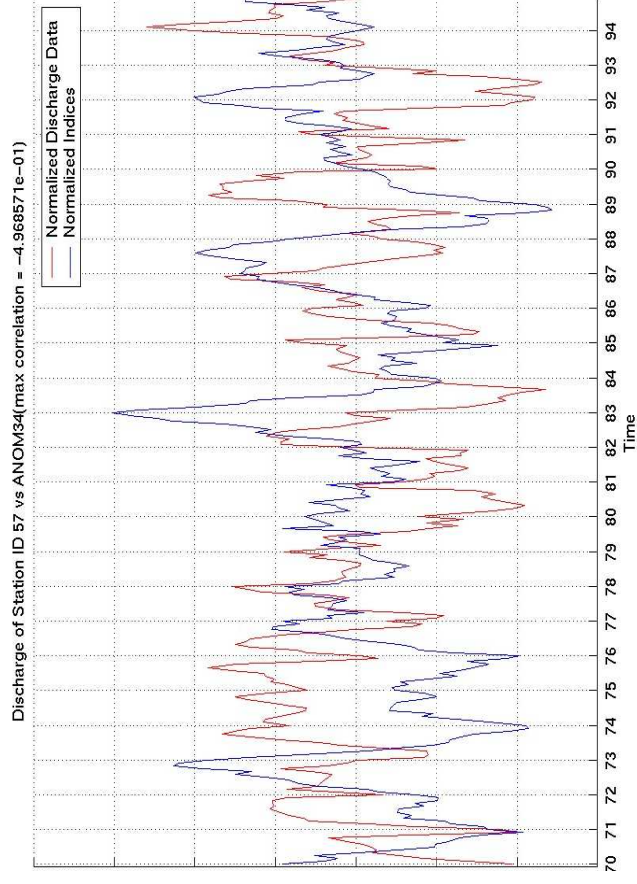
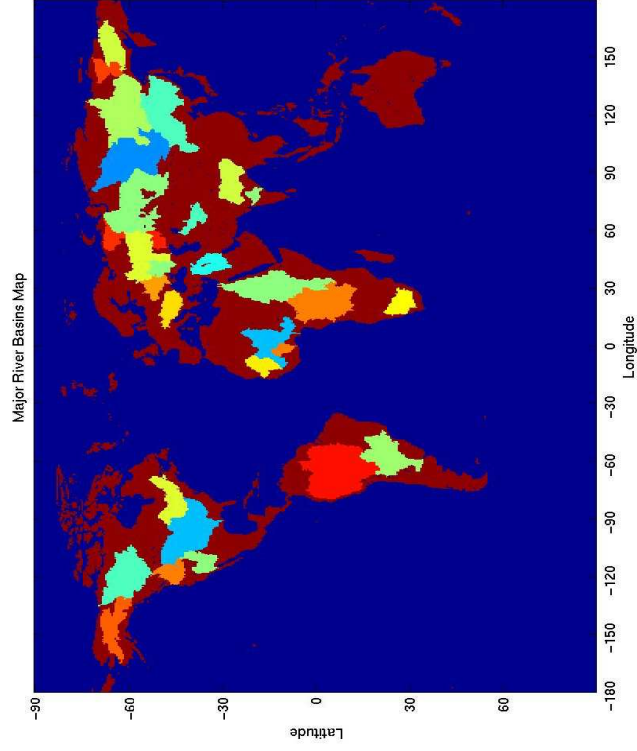
SST Cluster that is a Better Predictor of Land Temperature For Some Land Areas



Red area indicates an SST cluster that is a candidate OCI.

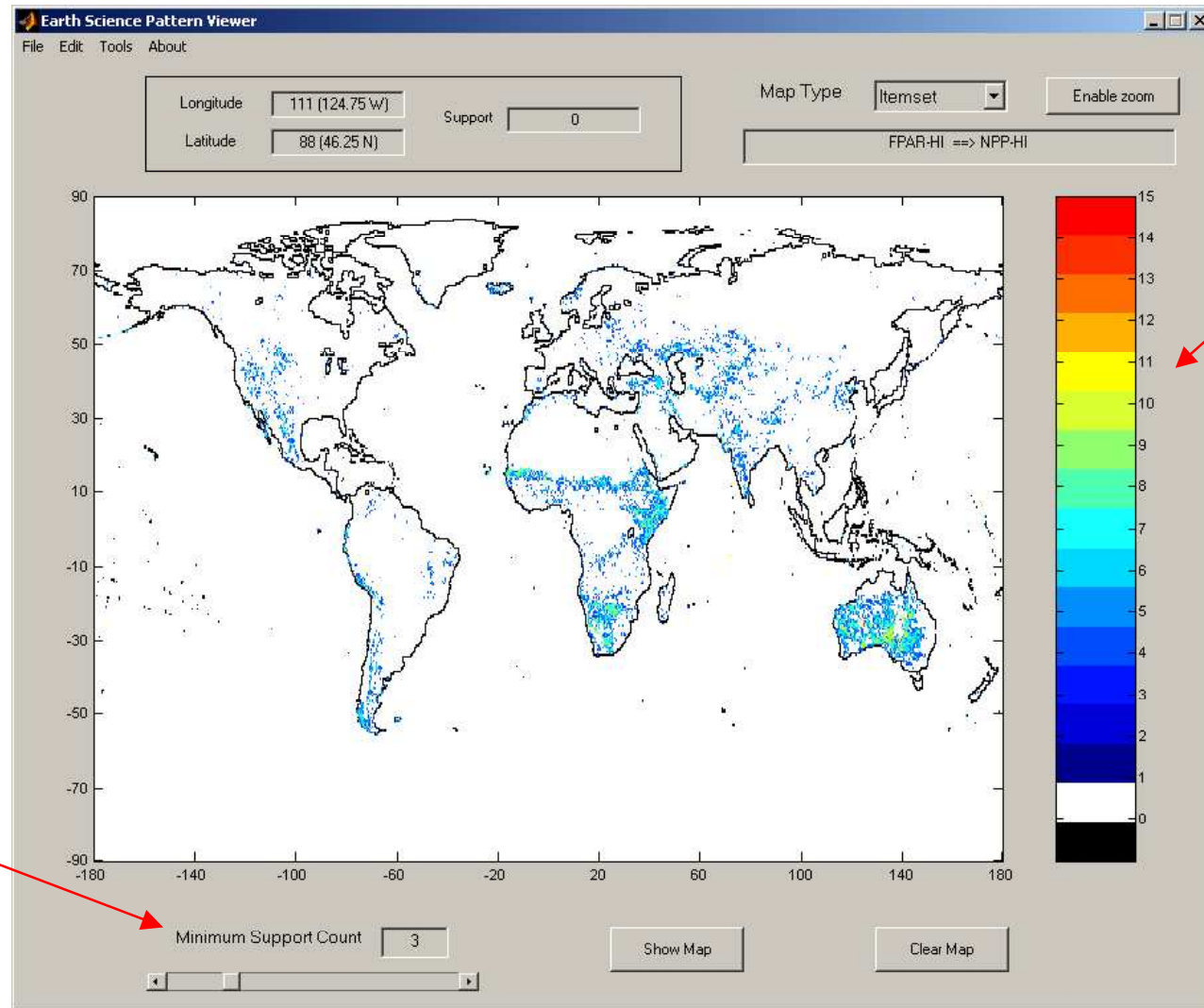
Yellow areas are where the OCI based on the given cluster performs better than known OCIs, e.g., Mexico.

Global River Discharge Data



Example Association Pattern

Minimum
Support
Threshold



Support